



**Welcome to the
GSFC Earth Sciences Distributed
Active Archive Center
(GES DAAC)**

**User Working Group (UWG)
Meeting**

April 28-29, 2009



Purpose

The purpose of the GSFC Distributed Active Archive Center (DAAC) User Working Group (UWG) is to establish science user involvement in the planning, development, and operations of the GSFC DAAC and to represent the science user community in reviewing and guiding DAAC development.

The UWG is a guiding body for Earth science data management at the GES DAAC, as well as for the NASA EOSDIS Program



Objectives

- Assist in defining how the GSFC DAAC activities will meet science goals and questions.
- Provide clear, objective recommendations on data management issues and priorities at the GES DAAC.
- Provide user review, guidance, user feedback to DAAC development activities and operations.
- Facilitate coordination with the general user community, the EOSDIS Program and Project Scientists, and interested members of other communities.



Responsibilities

Topics and issues which the UWG will be responsible for addressing include, but are not limited to, the following:

- Progress and performance of the DAAC system; recommendations for improving the utility of the DAAC to science/application researchers.
- Data set priorities, including requirements for precursor data sets and for new data products of significant use to the user community.
- Mechanisms to enhance user access to data (new technologies, better data representation, pre-science tools, user/data assistance, DAAC user interface, and DAAC user conferences).
- Requirements for and characteristics of browse and other non-standard (e.g., real near real time data) products.
- Science user perspective on system-related issues, such as data processing system requirements, data formats and standards, data product organization, preprocessing requirements, and capability development.



Agenda Format

- Introductory Material
- A series of discussion questions that address issues/concerns that face the GES DAAC that will bear recommendations consistent with the objectives of the User Working Group



Agenda

April 28, 2009

8:00 Breakfast

8:30 Welcome – Ken Jucks

8:40 Welcome from Code 610 - Steve Wharton

8:50 More Welcomes, Introductions, UWG Meeting Objectives, Responsibilities, and Agenda, Logistics - Steve Kempler, All

9:05 HQ Perspectives on NASA Earth Science Data Systems – Martha Maiden/Ken Jucks

9:25 EOSDIS Update – Steve Ambrose

9:45 The GSFC Earth Sciences Distributed Active Archive Center (GES DAAC) – Steve Kempler

10:20 User Satisfaction Survey

ESDIS Project Report: EOSDIS Status – ESDIS

DAAC Project Report – Jim Acker

10:40 BREAK



Agenda

11:00 Session A. Service Offerings

1. What data services should be extended, expanded, enhanced? (45 min)
2. What kind of data discovery and access methods is particularly useful to users? How can we get more access and discovery input from the user community? (30 min)

12:15 Lunch

Resume 1:15

3. What enhancements in Giovanni? (45 min)
4. How can we contribute to the production of high quality science results? (30 min)
 - a. Science Quality and Data Provenance
 - b. Documentation - Parameter or product based documentation
 - c. Data and Services workshops
 - d. Other recommendations?



Agenda

TAKE HOME ACTION ITEM 1: Who will be available/willing to participate in developing and assessing User Scenarios (10 min)

2:40 BREAK

3:00 Session B. Mission and Measurement Support

1. For GES DAAC long term planning, what would the UWG recommend in order for the GES DAAC to better prepare for the formulation and/or development of new missions? (30 min)
2. Multi-sensor and model data access and intercomparison. What suggestions would you offer to improve multi-sensor data access and usage? (30 min)



Agenda

3. What multi-instrument discipline-specific data usage services can you suggest (20 min)

4. External Data (30 min)

- a. How do we prioritize factors in deciding which value added access to external data (e.g., foreign, non-DAAC) should be implemented?
- b. How much should the GES DAAC support field campaign data (i.e. level of service and under what conditions)?

~5:00 ***ADJOURN for the day***



Agenda

April 29, 2009

8:00 *Breakfast*

8:30 **Previous Day Recap, and any follow-up discussion**

9:00 **Session C. Applications (60 min)**

10:00 **Session D. GES DAAC Future Directions (120 minutes with a break)**

12:00 *Lunch*



Agenda

1:00 Introduction to MEaSUREs Projects – Rama, Steve Kempler, lead
1:10: Each MEaSUREs PI discuss their project (each: 10 minutes, 3 minutes for questions). (13X7=91)

~2:40 Road to Success for integrating MEaSUREs datasets into the DISC

3:00 BREAK

3:15 Executive Session: Choose a UWG Chair. Discuss findings, suggestions, recommendations – Ken Lead (this time)

(Concurrently we will give a DISC tour to MEaSUREs PI's)

4:15 UWG Report: UWG Recommendations and General Discussion
(and process improvement, next meeting) - All

5:00 ADJOURN for the day



Logistics

- Breakfast and snacks are provided
- Lunch order headcount will be taken in the morning. Unfortunately, government funds can not be used for purchasing food, so we are on our own.
- We will also take a headcount for a Tuesday night dinner